



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 5042**
Makoto TAKAGI : Docket No. 2003_1443
Serial No. 09/979,555 : Group Art Unit 1712
Filed November 26, 2001 : Examiner David Buttner

RECLAIMED RESIN COMPOSITION

NEW POWER OF ATTORNEY AND REVOCATION OF FORMER POWERS

Assistant Commissioner for Patents,
Washington, D.C.

Sir:

Teijin Chemicals, Ltd., Assignee of all right, title and interest in and to the above-referenced U.S. application by virtue of an Assignment recorded at Reel 012480, Frame 0033 on November 26, 2001, a copy of which is attached hereto, hereby revokes all former Powers of Attorney and appoints Warren M. Cheek, Jr., Esq., Reg. No. 33367, Michael R. Davis, Reg. No. 25134, Matthew M. Jacob, Reg. No. 25154, Nils E. Pedersen, Reg. No. 33145, Charles R. Watts, Reg. No. 33142, Michael S. Huppert, Reg. No. 40268, and Jeffrey R. Filipek, Reg. No. 41471 constituting the firm of WENDEROTH, LIND & PONACK, L.L.P. Suite 800, 2033 K Street, N.W., Washington, D.C. 20006, with full power to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office in connection therewith.

Please immediately change the correspondence address and send all future communications to:

WENDEROTH, LIND & PONACK, L.L.P.

2033 K Street, N.W., Suite 800

Washington, D.C. 20006

Facsimile No. (202) 721-8250

Telephone No. (202) 721-8200

The undersigned is authorized to execute this document on behalf of the Assignee.

Teijin Chemicals, Ltd.

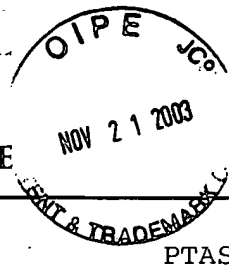
By: Katsushi Sasaki
Katsushi SASAKI

Title: General Manager of Research Planning & Development Department

Date: November 12, 2003



UNITED STATES
PATENT AND
TRADEMARK OFFICE



MARCH 14, 2002

SHERMAN & SHALLOWAY
LEONARD W. SHERMAN
413 NORTH WASHINGTON STREET
ALEXANDRIA, VA 22314

Chief Information Officer
Washington, DC 20231
www.uspto.gov



101956843A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/26/2001

REEL/FRAME: 012480/0033
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TAKAGI, MAKOTO

DOC DATE: 11/16/2001

ASSIGNEE:

TEIJIN CHEMICALS, LTD.
2-2, USHISAIWAICHO 1-CHOME
CHIYODA-KU
TOKYO, JAPAN 100-0011

SERIAL NUMBER: 09979555
PATENT NUMBER:

FILING DATE: 11/26/2001
ISSUE DATE:

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

01-23-2002

(Rev. 6-93)

OMB NO. 0651-0011(exp. 4/94)

To the Honorable Commissioner
Please record the attached ori

101956843

1. Name of conveying party(ies):

Makoto TAKAGI

11/26/01

2. Name and address of receiving party(ies):

Name: TEIJIN CHEMICALS, LTD.

Internal Address:

Additional name(s) of conveying party(ies)
attached? ☐ Yes ☒ No

3. Nature of Conveyance

☒ Assignment☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: November 16, 2001Street Address: 2-2, Ushisaiwaicho 1-chome,Chiyoda-kuCity: Tokyo State: Japan ZIP: 100-0011Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date
of the application is: November 16, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

09/979555

5. Name and address of party to whom
correspondence concerning document
should be mailed:Name: SHERMAN & SHALLOWAY

Internal Address:

Street Address:

413 North Washington StreetCity: Alexandria State: VAZIP: 223146. Total number of applications and patents
involved:..... [1]7. Total fee (37 CFR 3.41).....\$40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying
by deposit account)

11/29/2001 SNAJARRO 00000022 09979555

DO NOT USE THIS SPACE

04 FC:581

40.00 DP

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original documentLeonard W. Sherman

Name of Person Signing

Signature

November 26, 2001

Date

Total number of pages including cover sheet, attachments, and document [2]

ASSIGNMENT

WHEREAS, I, Makoto TAKAGI
residing at Chiyoda-ku, TOKYO, JAPAN

(hereinafter referred to as Inventor), have invented certain new and useful improvements
in REGENERATED RESIN COMPOSITION

; for which an application for
United States Letters Patent was signed by me on November 16, 2001 and filed in the
United States on _____ and assigned Serial Number _____.

WHEREAS, TEIJIN CHEMICALS, LTD.

a corporation of Japan, having a place of business at 2-2,
Uchisaiwaicho 1-chome, Chiyoda-ku, TOKYO 100-0011 JAPAN

(hereinafter referred to as Company), is desirous of acquiring the entire right, title and
interest in and to said invention and in and to any Letters Patent that may be granted
therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in
hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations,
the said Inventor has sold, assigned and transferred, and by the presents does sell, assign and
transfer unto said Company, his entire right to the said invention in the United States and
its territorial possessions and in all foreign countries and his entire right, title and interest
in and to any and all Letters Patent, which may be granted thereof in the United States and
its territorial possessions and in any and all foreign countries and in and to any and all
divisions, reissues, continuations and extensions thereof.

I hereby authorize and request the Patent Office officials in the United States and
in any and all foreign countries to issue any and all of said Letters Patent, when granted, to
said Company as the assignee of my entire right, title and interest in and to the same, for
the sole use and behoof of the said Company, its successors and assigns.

FURTHER, I agree that I will communicate to said Company or its representatives
any facts known to me respecting said invention, and testify in any legal proceedings, sign
all lawful papers, execute all divisional, continuation, substitution, renewal and reissue
applications, execute all necessary assignment papers to cause any and all of said Letters
Patent to be issued to said Company, make all rightful oaths and generally do everything
possible to aid said Company, its successors and assigns, to obtain and enforce proper
protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16th day of
November, 2001.

Signed in the presence of:

Witness: Teruo Takahashi Signed: Makoto Takagi

PATENTS ONLY

Patent and Trademark Office
OHS-309

OMB NO. 0651-0011(exp.4/94)

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Makoto TAKAGI

2. Name and address of receiving party(ies):

Name: TEIJIN CHEMICALS, LTD.

Internal Address:

Additional name(s) of conveying party(ies)
attached? ☐ Yes ☒ No

3. Nature of Conveyance

☒ Assignment☐ Merger☐ Security Agreement ☐ Change of Name☐ Other _____Execution Date: November 16, 2001Street Address: 2-2, Ushisaiwaicho 1-chome,Chiyoda-kuCity: Tokyo State: Japan ZIP: 100-0011Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date
of the application is: November 16, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document
should be mailed:Name: SHERMAN & SHALLOWAY

Internal Address: _____

Street Address: _____

413 North Washington StreetCity: Alexandria State: VAZIP: 223146. Total number of applications and patents
involved:..... [1]7. Total fee (37 CFR 3.41).....\$40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying
by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document

Leonard W. Sherman

Name of Person Signing

Signature

November 26, 2001

Date

Total number of pages including cover sheet, attachments, and document [2]

WHEREAS, I, Makoto TAKAGI
residing at Chiyoda-ku, TOKYO, JAPAN

(hereinafter referred to as Inventor), have invented certain new and useful improvements
in REGENERATED RESIN COMPOSITION

_____ ; for which an application for
United States Letters Patent was signed by me on November 16, 2001 and filed in the
United States on _____ and assigned Serial Number _____.

WHEREAS, TEIJIN CHEMICALS, LTD.

a corporation of Japan, having a place of business at 2-2,
Uchisaiwaicho 1-chome, Chiyoda-ku, TOKYO 100-0011 JAPAN

(hereinafter referred to as Company), is desirous of acquiring the entire right, title and
interest in and to said invention and in and to any Letters Patent that may be granted
therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in
hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations,
the said Inventor has sold, assigned and transferred, and by the presents does sell, assign and
transfer unto said Company, his entire right to the said invention in the United States and
its territorial possessions and in all foreign countries and his entire right, title and interest
in and to any and all Letters Patent, which may be granted thereof in the United States and
its territorial possessions and in any and all foreign countries and in and to any and all
divisions, reissues, continuations and extensions thereof.

I hereby authorize and request the Patent Office officials in the United States and
in any and all foreign countries to issue any and all of said Letters Patent, when granted, to
said Company as the assignee of my entire right, title and interest in and to the same, for
the sole use and behoof of the said Company, its successors and assigns.

FURTHER, I agree that I will communicate to said Company or its representatives
any facts known to me respecting said invention, and testify in any legal proceedings, sign
all lawful papers, execute all divisional, continuation, substitution, renewal and reissue
applications, execute all necessary assignment papers to cause any and all of said Letters
Patent to be issued to said Company, make all rightful oaths and generally do everything
possible to aid said Company, its successors and assigns, to obtain and enforce proper
protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16th day of
November, 2001.

Signed in the presence of:

Witness: Tetsuo Takahashi Signed: Makoto Takagi